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NOTE FOR: Carl

1. This article in the January issue of the Scientific American will almost certainly raise a number of questions internally, such as:

a. In the third column on page 29, the author says that a broad range of physiological responses have been investigated and cites a number which ORD has investigated, is investigating, or has indicated they would like to investigate. Somebody should be prepared to explain to John Clarke and company, or others, why the work that has been done is not adequate, etc.

b. On page 30 in the first column, the author notes the common failure of research results not being applied in practical situations. Although we keep talking about doing this, I understand that the machinery Security actually uses shows little impact from our R&D thus far.

c. Page 31 deals with countermeasures, and compared to some of the things we have going appear to be mighty concrete such as "In a countermeasure experiment the subjects were able to reduce the examiners accuracy scores from 75% in a controlled test to 25% by thinking of something exciting or upsetting, and to 10% by tensing their toe muscles."

2. Several things that might be useful which immediately come to mind include a story on Smith and any association we may have had with his school or current work; identification of research cited in the article which we totally or partially sponsored; any accuracy results which we may have which are significantly different from those cited by Smith (I recall one of our last contracts was to obtain this information which I found kind of unbelievable at this stage of the game); and perhaps at least a draft of a White Paper prepared by ORD on all aspects of this article.

3. May be it would be cheaper just to hire Smith!



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